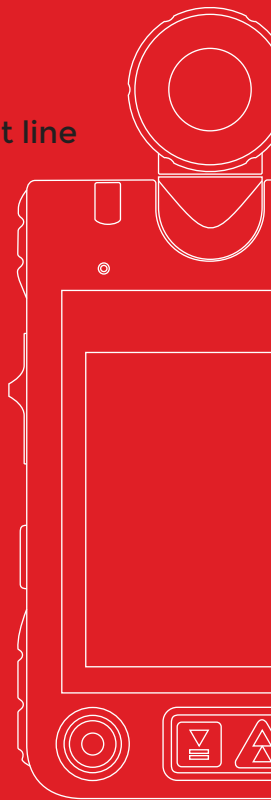




**RS3 <sup>SX</sup>**

With you on the front line

**Quick Start  
and User Manual**  
V1.0



## Quick start

### Introduction

Welcome to our most versatile body camera. For your convenience, the camera is set up and ready to go in three easy steps.

## Quick start



### Charge

Charge the camera for three hours or until the charging light turns green.



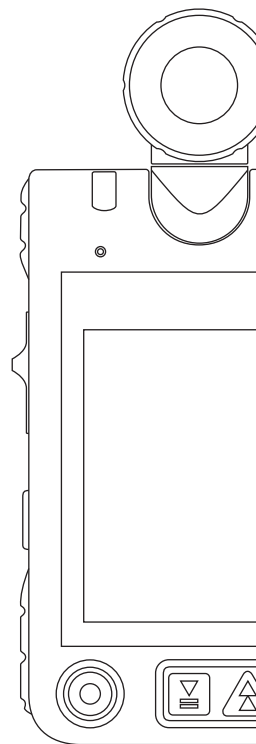
### Mount

Choose how to mount your camera; you can use either the Klickfast attachments, clips or a lanyard.



### Record

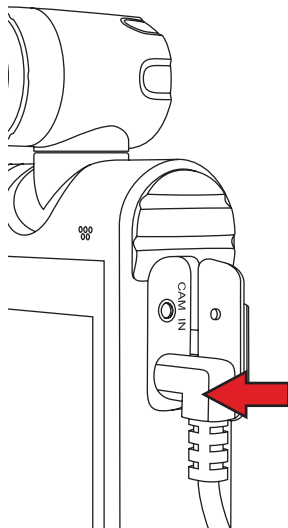
Slide the red switch down to start recording. To stop recording, slide the red switch up.



## Quick start

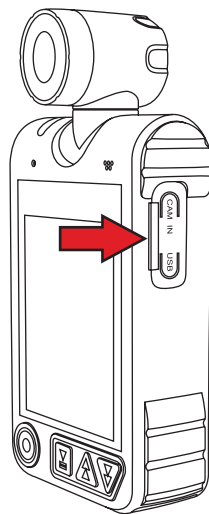
### 1 Charge

Open the cover on the side of the camera.



Insert the 3.5mm jack into the USB port and connect the cable to a computer or mains plug to charge.

**NOTE:** This is the same cable that will upload video to a computer. Please take care when connecting and disconnecting the USB cable.



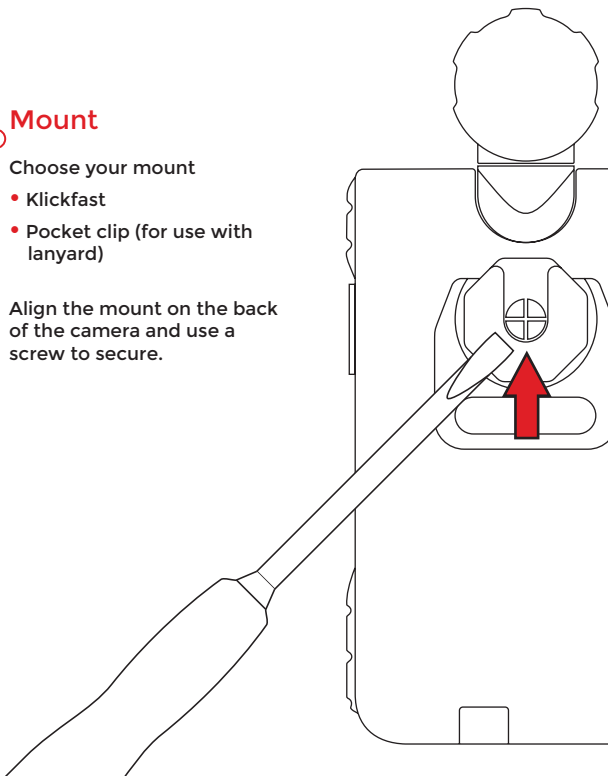
## Quick start

### 2 Mount

Choose your mount

- Klickfast
- Pocket clip (for use with lanyard)

Align the mount on the back of the camera and use a screw to secure.



## Quick start

### 3 Record

Pull down the red switch to record.

As confirmation:

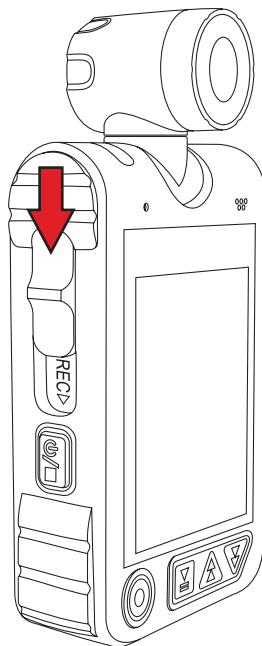
- The camera will beep three times.
- The LED and the recording icon on the screen will flash red.

Pull the switch back up to stop recording.

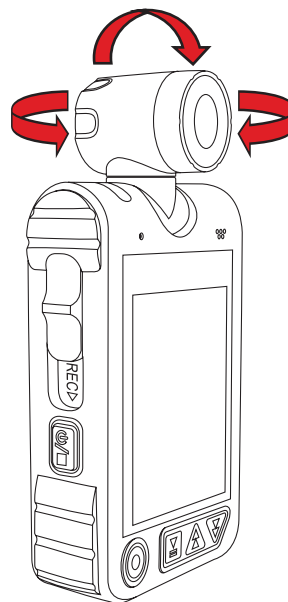
As confirmation:

- The camera will beep twice.
- The lights will stop flashing.

**NOTE:** For two actions to stop recording, view the Editable menu settings, page 13.



## Operation



### Camera articulation

#### **CAUTION: DO NOT OVER ROTATE!**

The camera head does not rotate 360°. Forcing it will cause damage to the camera head.

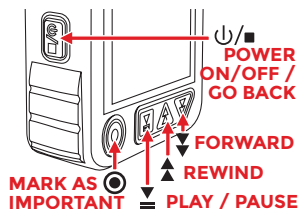
## Operation

### On/off / Go back

When the unit is off, press and hold **POWER** to turn power on. Press and hold **POWER** to turn power off.

When in playback mode, press **POWER** to go back.

To exit ENTER PIN screen, press **POWER** twice to go back to preview mode.



### Stealth mode

Stealth mode enables recording without the front facing screen or LED light.

Hold **FWD** or **RWD** button for three seconds to activate or deactivate stealth mode.


### Onboard playback

Once the unit is on, press the **PLAY** button to open playback mode.


**NOTE:** If encryption is activated you will need to enter your encryption pin for playback. See notes on Activating AES-256 bit encryption, page 14-15.

### Mark as important

While recording: press the mark as important button once to mark video as important.

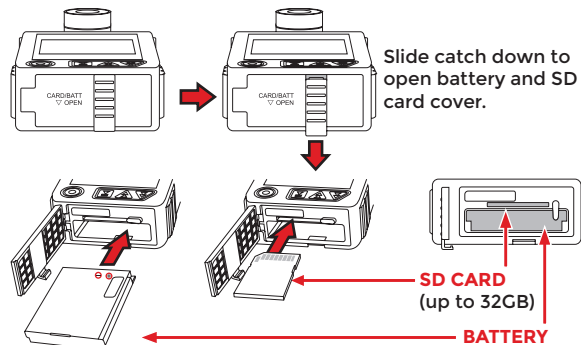
The  symbol will appear in the bottom right corner of the screen.

Once the desired thumbnail in playback mode is selected: press and hold the mark as important button for 2 secs to mark video as important.

The  symbol will appear in the bottom right corner of the thumbnail.

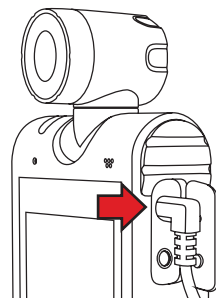
## Operation

### Battery and SD card insertion

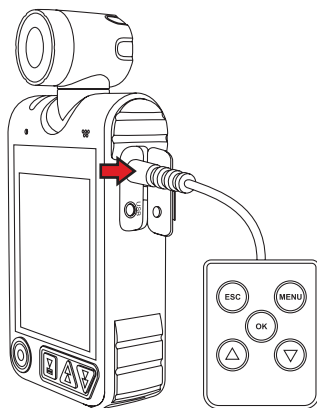


### Head camera input






Insert external camera cable into the top port on the right side of the camera. Only use authorised Reveal external cameras.



## Edit menu settings



### With keypad

-  Insert keypad and press **MENU** to begin.
-  Press **ESC** to exit menu.
-  Press **OK** to select option.
-  Press **UP** to scroll through options.
-  Press **DOWN** to scroll through options.

### Through DEMS

In the administration window select the "Reveal camera settings" tab.

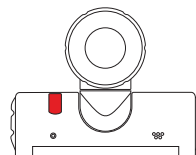
### Without DEMS

**NOTE:** You must run the Reveal Camera Manager as an administrator to change the camera settings.

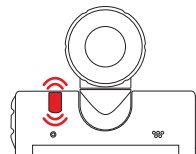
- 1) Download the Reveal Camera Manager from [www.revealmedia.com/downloads](http://www.revealmedia.com/downloads)
- 2) Run the program on the computer.
- 3) Select which camera you want to edit from the list on the left and edit the options on the right.

## LED light notification

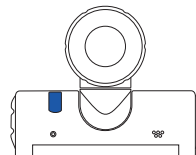
**Power on**  
Solid red light



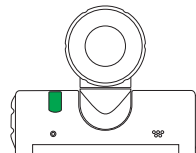
**Recording**  
Flashing red light



**Charging**  
Solid blue light



**Charged**  
Solid green light



## Editable menu settings

<b>1. RESOLUTION</b>	1920x1080 30FPS
	1440x1080 30FPS
	1280x720 30FPS (Default)
	848x480 30FPS
	640x480 30FPS
<b>2. PRE-RECORDING</b> Stores 30 seconds prior to record activation.	ON
	OFF (DEFAULT)
<b>3. AUDIO ALARMS</b>	ON (DEFAULT)
	OFF
<b>4. WHITE BALANCE</b>	AUTO (DEFAULT)
	SUNNY / CLOUDY / FLUORESCENT/INCANDESCENT
<b>5. LANGUAGE</b>	ENGLISH (DEFAULT)
<b>6. TIME AND DATE STAMP</b>	ON (DEFAULT)
	OFF
<b>7. TIME AND DATE SETUP</b>	SET YYYY/MM/DD HR/MIN/SEC
<b>8. START IN STEALTH MODE</b>	ON
	OFF (DEFAULT)

## Editable menu settings

<b>9. AUTO LCD OFF</b>	30 SECS / 2 MINS / 5 MINS / OFF (DEFAULT)
<b>10. DEFAULT SETTINGS</b> Resets camera to default settings.	NO / YES
<b>11. UNIT ID SETUP</b>	USER SET (five alphanumerics)
<b>12. PRE-RECORD MUTE</b> No audio is recorded during the pre-record section of video. Once the user switches on record mode, audio is then recorded.	ON
	OFF (DEFAULT)
<b>13. PROTECTED MODE</b> With protected mode enabled the camera is seen as a mass storage device on your computer and video files can be accessed and copied, but videos cannot be played without DEMS or Reveal Camera Manager.	ON
	OFF (DEFAULT)
<b>14. TRUSTED MODE</b> With trusted mode enabled the camera is seen as a removable disk on your computer, but if you try to access the disk, windows will report there is no disk in the drive and no data from the camera can be accessed without DEMS or Reveal Camera Manager.	ON
	OFF (DEFAULT)
<b>15. RECORD OFF MODE</b> For single or two actions to stop recording.	SLIDER ONLY (DEFAULT)
	SLIDER PLUS POWER BUTTON
<b>16. FIRMWARE VERSION</b>	Displays the version of firmware installed on the device.

## Activating AES-256 bit encryption

**NOTE:** Optional extra. Encryptable SD card must be purchased in order to use encryption.

### Through DEMS

Login to DEMS as administrator.

Navigate to Reveal camera encryption tab in the Administration window under the Advanced menu.

Administration

Retention Policy | Cameras | **Reveal Camera Settings** | Users | Generate Licence Request | Import Licence | Errors

Files in Transfer | **Reveal Camera Encryption** | Job Manager | Storage Manager | User Permissions | Settings

**1** Encryption Settings

☐ All Cameras Mode  
Use this mode to automatically activate encryption on any encryptable camera connected to DEMS. These settings below will be applied to all RS3-SX cameras when connected to DEMS.

☒ Individual Cameras Mode  
Use this mode to activate encryption for every camera individually. The camera has to be connected to DEMS to activate encryption.

Camera Settings

Drive Letter: E:\ A1801

Status: Encryption disabled  
You may activate encryption for the camera.

Encryption PIN: **2** [4 asterisks] **?**

Recovery PIN: **3** [8 asterisks] **?**

Try Count: **4** [15] **?**

Keystroke sequence for playback on camera: [ > ] [ < ] [ > ] [ < ] [ > ] [ < ] [ > ] [ < ] **5**

**6** Activate Encryption

**IMPORTANT NOTE:** Protected mode must be turned off in the settings on each Reveal camera before encryption is activated, otherwise videos will be corrupted.

## Activating encryption

- 1 Encryption settings:** Choose between activating encryption automatically for all cameras when connected to DEMS using the same encryption PIN or activating each camera individually using a different encryption PIN.
- 2 Encryption PIN:** Enter 4 to 8 digits. Use this to enable playback of videos on the camera. This will automatically generate a keystroke sequence.
- 3 Recovery PIN:** Enter 8 to 20 digits. Use this to deactivate encryption on the camera. This is required to recover the camera if the number of failed attempts to decrypt the camera has been exceeded.
- 4 Try count:** Enter a value between 3 and 15. This value indicates the number of failed attempts to decrypt the camera before it is blocked.
- 5 Keystroke sequence:** Shows the order of button presses that you will need to enter on the camera to enable playback of encrypted videos.
- 6 Activate encryption:** Click this to activate encryption with the settings you have entered followed by clicking OK in the confirmation pop-up window.

### Through Reveal Camera Manager

Although the layout of the settings will vary, please note encryption is activated by following the same steps as in DEMS.



## Deactivating AES-256 bit encryption

### Through DEMS

Login to DEMS as administrator.

Navigate to Reveal camera encryption tab in the Administration window under the Advanced menu.

Administration

Retention Policy | Cameras | **Reveal Camera Encryption** | Users | Generate Licence Request | Import Licence | Errors

Files in Transfer | **Reveal Camera Encryption** | Job Manager | Storage Manager | User Permissions | Settings

**Encryption Settings**

☐ All Cameras Mode  
Use this mode to automatically activate encryption on any encryptable camera connected to DEMS. These settings below will be applied to all RS2-X2 cameras when connected to DEMS.

☒ Individual Cameras Mode  
Use this mode to activate encryption for every camera individually. The camera has to be connected to DEMS to activate encryption.

**Camera Settings**

Drive Letter: E:\A1801

Status: Encryption enabled  
The files on the camera are encrypted.  
Please select Decrypt option below to access the files on this camera.  
You do not need to manually enter this PIN in normal use; DEMS automatically decrypts the files.

Encryption PIN: [masked] ? Decrypt

Recovery PIN: [masked] ? Deactivate

Please press the following sequence of keystrokes on your Reveal camera to play videos:  
[F10] [F10] [F10] [F10] [F10] [F10] [F10] [F10] [F10] [F10]

Reset

## Deactivating encryption

### FOR INDIVIDUAL CAMERAS MODE

Connect the camera you want to deactivate encryption on.

Enter recovery PIN and click "Deactivate".

**NOTE:** The camera should now operate as normal without encryption.

### FOR ALL CAMERAS MODE

Deselect the checkbox for "All Cameras Mode" for activating encryption automatically or simply select the other encryption option.

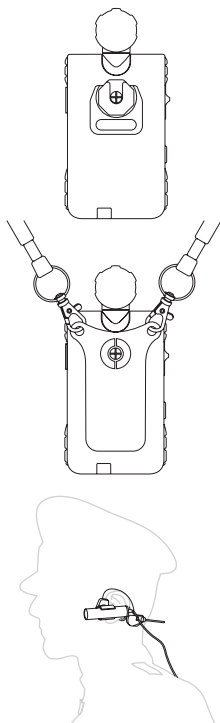
Connect all of the cameras you would like to deactivate encryption on to DEMS.

**NOTE:** The cameras should all now operate as normal without encryption.

### Through Reveal Camera Manager

Although the layout of the settings will vary, please note encryption is deactivated by following the same steps as in DEMS.

## Mounting and usage options



### Klickfast

Attach the Klickfast to use with a Klickfast dock.

### Pocket clip

For use with a lanyard around the neck or attached to a pocket.

### Head mount

For use when a higher view point is advantageous. (optional extra)

## Mounting and usage options



### Car Mount

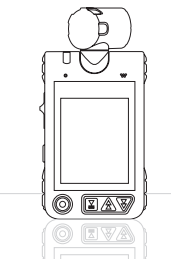
Suction cup is attached to windscreen for in-car camera. (optional extra)



### Shoulder mounts

- harnesses
- epaulette mount
- shoulder mount

For use with loose fitted clothes or with shirted uniforms. (optional extra)



### Table top

For use in interviews and other static situations.